

# CALIFORNIA DEPARTMENT OF TRANSPORTATION

## ACCEPTABLE BRANDS LIST (ABL)

### for BATTERY BACKUP SYSTEMS & EXTERNAL CABINET



This is a pre-qualified list for Battery Backup System (BBS) and External BBS Cabinet. This list is generated by testing samples and is intended for use by the California Department of Transportation only. The devices listed here are still subject to thorough testing and inspection for final approval.

It is recommended that any interested bidders / suppliers seeking inclusion of their products to the ABL, contact the Transportation Lab (TransLab) to get their product evaluated and tested for possible inclusion for future bids. For product testing contact:

Mr. Jeff Forester at (916) 227-7069

[Jeff.Forester@dot.ca.gov](mailto:Jeff.Forester@dot.ca.gov)  
Caltrans Laboratory  
5900 Folsom Blvd.  
Sacramento, CA 95819

Specifications are available online at <http://www.dot.ca.gov/hq/esc/ttsb/electrical/bbs.htm>

It may take from about 30 – 60 days to test and evaluate a unit, and depending on current contract testing can be longer. Contract testing always has priority. For new prototypes, please allow more time for the evaluation process.

**\*\* NOTE: ALL Vendors will be required to present test data from an independent lab, proving the product(s) offered has been successfully tested and complies with the Caltrans specifications.**  
**\*\* Any design change (at the States discretion) requires retesting, re-evaluation, and new Model/Part #'s.**

The following describes the BBS configurations and their compositions that will be acceptable for testing at the TransLab.

(1) The **BBS** shall include the following:

- Inverter/Charger
- Power Transfer Relay
- Manual Bypass Switch
- EIA mounting brackets
- Installation Wiring Kit – To include all necessary 10 AWG color-coded wiring for all power interconnects between all BBS components & 332A terminal blocks and busses, all required 18 AWG wiring for relay contacts, and a minimum of twenty (20), cable ties and/or adhesive backed panel mount style cable tie holders.
- Hardware Kit – To include all necessary bolts and washers for mounting all BBS components.
- Battery Cable Harness
- Manuals – Operations and Maintenance Manuals (2 each per unit)

(2) The **External BBS Cabinet** shall include the following:

- Cabinet
  - Mounting hardware (bolts, nuts, washers)
  - Conduit fittings
  - EIA angles
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### **(1) Acceptable Brands List for BBS:**

#### **US Traffic Corporation**

A Quixote Company

9603 John Street

Santa Fe Springs, CA 90670

Tel: 1-800-733-7872

Fax: 1-562-923-7555

Bob Young, PowerBack Product Manager

Email: [bob.young@ustraffics.net](mailto:bob.young@ustraffics.net)

Web: [www.ustraffics.net](http://www.ustraffics.net)

**1. Model: PB-1250C-PC (1250VA / 875 Watt)**

**PN: G30190 rev. B**

**2. Model: PB-2000ITS (2000 VA / 1500 Watt)**

**PN: G30195**

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#### **Alpha Technologies**

3767 Alpha Way

Bellingham, WA 98226

Tel: 1-360-647-2360

Fax: 1-360-671-4936

Frank Albano, VP Sales

Email: [falbano@alpha.com](mailto:falbano@alpha.com)

Web: [www.alpha.com](http://www.alpha.com)

**Model: Novus 1000 TP**

#### **Dimensions Unlimited, Inc.**

4467 White Bear Parkway

St. Paul, MN 55110-7626

Tel: 1-800-553-6418

Fax: 1-651-653-7600

Dennis Getter, President

Email: [sales@dimensionunlimited.com](mailto:sales@dimensionunlimited.com)

Web: [www.dimensionsunlimited.com](http://www.dimensionsunlimited.com)

#### **24Vdc Models**

**1. Model DUI-24M11 (332/Ext. Cab. Mounted)**

**2. Model DUI-24Y11 (332 Mounted only)**

#### **48Vdc Models**

**1. Model DUI-48M17 (332/Ext. Cab. Mounted)**

**2. Model DUI-48Y17 (332 Mounted only)**

## **(2) Acceptable Brands List for External BBS Cabinets:**

### **California Chassis**

3356 E. La Palma Avenue

Anaheim, CA 92806

Tel: 1-714-666-8511

Fax: 1-714-666-8509

David Kohl, CEO

Email: [dkohl@calchassis.com](mailto:dkohl@calchassis.com)

Web: [www.calchassis.com](http://www.calchassis.com)

**PN: 103886**

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### **McCain Traffic Supply**

2365 Oak Ridge Way

Vista, CA 92081

Tel: 1-760-734-5016

Fax: 1-760-597-7103

Diane Hawkins, Sales Rep.

Email: [dhawkins@mccaintraffic.com](mailto:dhawkins@mccaintraffic.com)

Web: [www.mccaintraffic.com](http://www.mccaintraffic.com)

**PN: M34196**

### **Safetran Traffic Systems, Inc.**

1485 Garden of the Gods Road

Colorado Springs, CO 80933

Tel: 1-719-599-5600

Fax: 1-719-599-3853

Bob Russo

Email: [rrusso@safetran-traffic.com](mailto:rrusso@safetran-traffic.com)

Web: [www.safetran-traffic.com](http://www.safetran-traffic.com)

**PN: 088397D332-00B**

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### **US Traffic Corporation**

A Quixote Company

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Santa Fe Springs, CA 90670

Tel: 1-800-733-7872

Fax: 1-562-923-7555

Bob Young, PowerBack Product Manager

Email: [bob.young@ustraff.net](mailto:bob.young@ustraff.net)

Web: [www.ustraff.net](http://www.ustraff.net)

**Model: BC280-CA-A-K2**